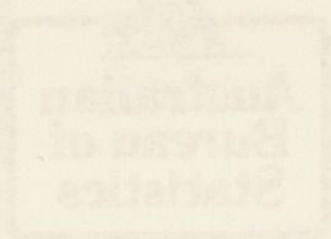




June Quarter 1993
**Employed Wage and
Salary Earners
Australia**

Catalogue No. 6248.0



Australia
Salary Earners
and Wage
Employed
June Quarter 1993

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EMBARGOED UNTIL 11.30 A.M. 9 DECEMBER 1993

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Employed wage and salary earners

EMPLOYED WAGE AND SALARY EARNERS AUSTRALIA JUNE QUARTER 1993

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AUSTRALIAN BUREAU OF STATISTICS

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For further information about statistics in this publication and the availability of related statistical material, contact the Data Centre on Canberra (06) 552 5311 or the ABS Data Office.

The information about ABS statistics and services given in the back page of this publication.

SUMMARY OF FINDINGS

Changes in this issue

As announced in the March quarter 1993 issue of this publication, a new sample was introduced for the private sector, for the June 1993 survey. The size of the private sector sample was reduced from 11,000 to approximately 7,500 employer units. The public sector sample size remains unchanged at 2,500 selected units.

Other changes of note include:

- Trend estimates for selected series appear in this issue for the first time. The ABS considers that trend estimates provide a more reliable guide to the underlying direction of the data, and are more suitable than either the seasonally adjusted or original data for most business decisions and policy advice.
- Statistics in this issue are presented at ASIC Division level only. However, industry data at a finer level is available on request.

Private and public sectors (Trend estimates)

Diagram 1 shows the estimated number of employed wage and salary earners in the private and public sectors.

In the private sector the number of employees grew steadily to a peak of 4,516,900 in December 1989 and then fell steadily to a trough of 4,125,100 in January 1992. Since January 1992 the number of employees has risen slightly to 4,147,500 in June 1993.

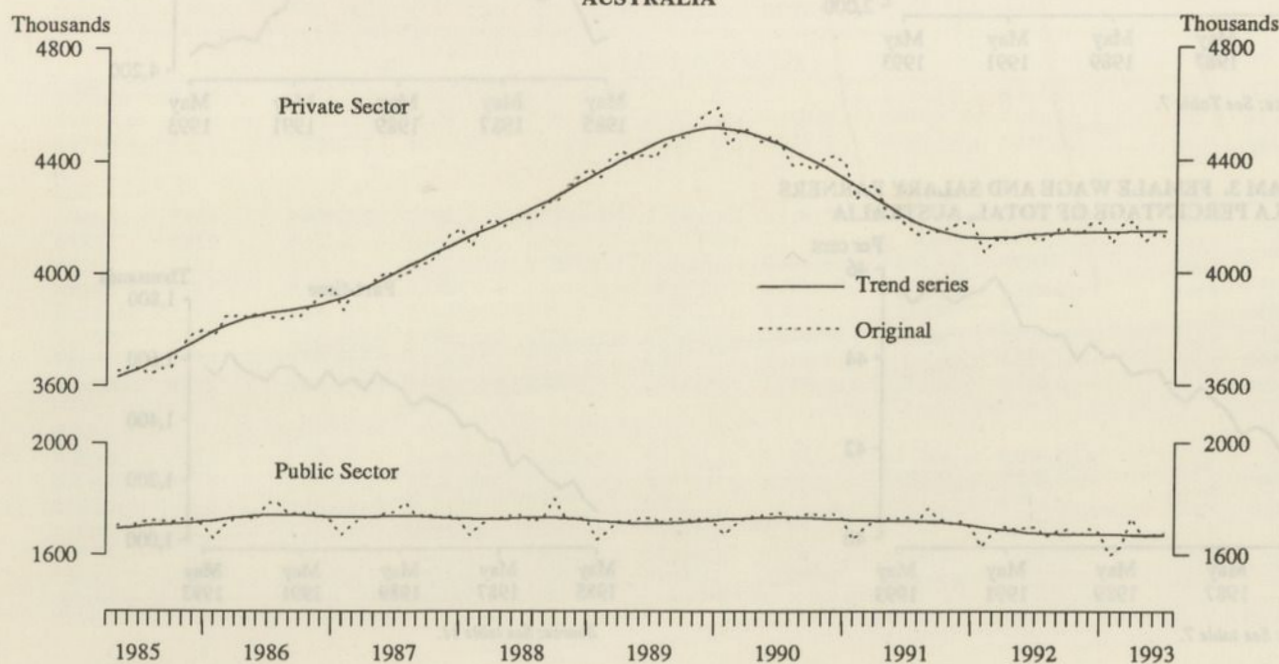
In the public sector the number of employees has remained relatively steady over the past eight years. After a series of small rises and falls over a number of years, the number of employees was at a peak of 1,734,600 in June 1990 and has since fallen slightly to 1,670,900 in June 1993.

Male and female wage and salary earners (Original estimates)

Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms rather than trend. Diagram 2 shows the number of male and females employees in Australia over the last eight years.

The number of male employees rose by 341,800 from May 1985 to a peak of 3,508,600 in November 1989 and then fell by a similar number (349,900) to 3,158,700 in

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS AUSTRALIA



Source: See Tables 1 & 2.

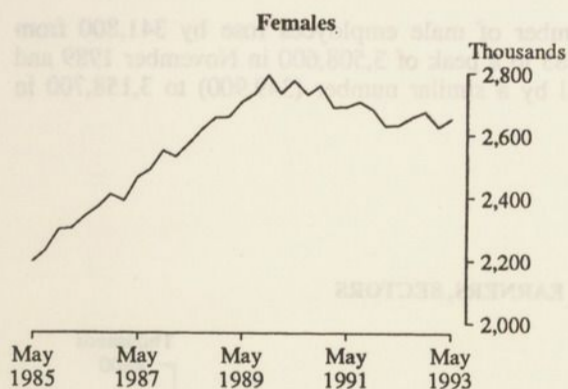
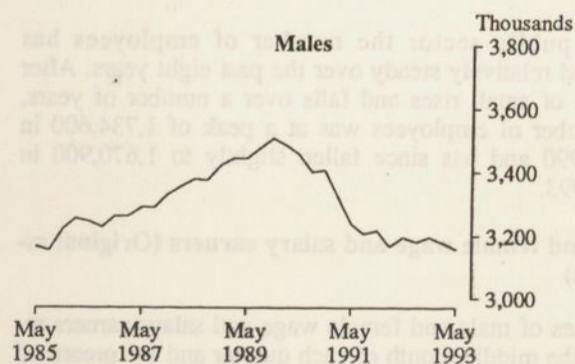
May 1993. The number of female employees also rose from May 1985 to a peak in November 1989 (2,793,200) and has subsequently fallen to 2,653,200 in May 1993.

From May 1985 to November 1989 the number of female employees rose 595,400 which was 74.2 per cent higher than that for males. The subsequent fall in the number of

employees from November 1989 to May 1993 was 140,000 for females, which was 60.0 per cent less than that for males.

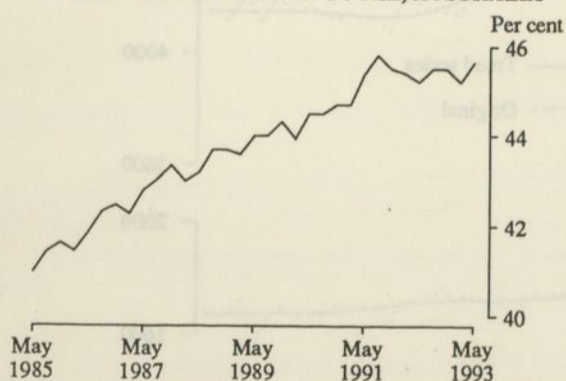
Diagram 3 shows the number of female wage and salary earners as a proportion of total wage and salary earners. Throughout the eight years from May 1985 to May 1993 this proportion has continued a steady rise from 41.0 per cent to 45.7 per cent.

DIAGRAM 2. EMPLOYED WAGE AND SALARY EARNERS AUSTRALIA



Source: See Table 7.

DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS AS A PERCENTAGE OF TOTAL, AUSTRALIA



Source: See table 7.

Full-time and part-time wage and salary earners (Original estimates)

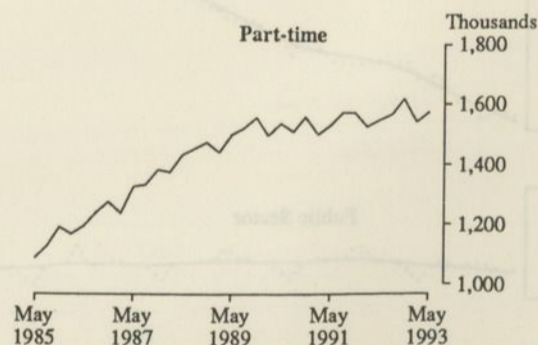
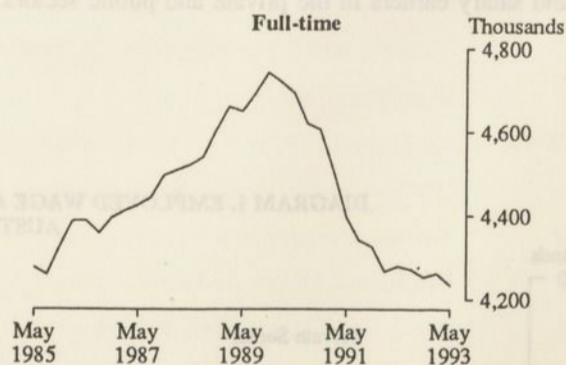
Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms.

Diagram 4 shows the number of full-time and part-time employees over the previous eight years.

The number of full-time employees grew steadily over a number of years to a peak of 4,745,600 in November 1989 and has since fallen 10.8 per cent to 4,235,400 in May 1993.

The number of part-time employees also grew steadily over a number of years to 1,556,600 in November 1989.

DIAGRAM 4. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA



Source: See table 11.

Earnings (Original estimates)

Total earnings for employed wage and salary earners in the June quarter 1993 in original terms was estimated as \$41,151.3m. This was an increase of \$1,842.2m (4.7%) since the March 1993 quarter and an increase of \$1,477.5m (3.7%) since the same period in the previous year.

Reliability of estimates

A new sample reallocation and redesign was introduced for the private sector sample, for the June 1993 survey. The size of the private sector sample was reduced from 11,000 units to 7,500 units this quarter. The public sector sample size remained unchanged at 2,500 selected units. The greater than usual turnover of units in the sample as a result of the reallocation of units this quarter has resulted in increased standard errors of estimates of level and movement. See paragraphs 5 to 8 of the Explanatory Notes and Appendix 1 - Technical Note.

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS — TREND
(^{'000})

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1989-June	1,581.0	1,271.9	689.6	360.8	366.4	99.8	36.3	54.3	4,460.2
1990-June	1,600.7	1,255.7	675.3	365.1	360.6	101.4	39.9	55.0	4,453.6
1991-June	1,486.0	1,156.0	632.1	368.0	358.2	98.3	41.3	54.5	4,194.4
1992—									
May	1,462.9	1,130.8	645.2	329.0	372.0	96.5	33.8	63.5	4,133.8
June	1,464.8	1,127.9	647.6	328.0	375.2	96.3	33.9	63.5	4,137.4
July	1,466.4	1,124.9	650.1	327.7	378.1	96.1	34.2	63.2	4,140.7
August	1,467.2	1,122.0	652.5	327.8	380.7	95.9	34.5	62.7	4,143.4
September	1,466.7	1,119.7	654.8	328.1	382.9	95.9	35.0	62.1	4,145.2
October	1,464.8	1,118.2	656.9	328.3	384.9	96.0	35.4	61.5	4,146.0
November	1,461.6	1,117.6	658.7	328.3	386.8	96.5	35.8	60.9	4,146.2
December	1,457.3	1,118.0	660.4	327.9	388.7	97.2	36.1	60.6	4,146.1
1993—									
January	1,452.5	1,118.7	661.7	327.4	390.9	98.2	36.3	60.4	4,146.1
February	1,447.4	1,119.8	663.0	327.0	393.3	99.4	36.4	60.3	4,146.6
March	1,442.0	1,121.0	664.2	326.5	396.1	100.7	36.6	60.2	4,147.2
April	1,436.5	1,122.2	665.3	326.0	399.0	102.1	36.7	60.1	4,147.9
May	1,430.4	1,123.5	666.3	325.5	401.8	103.6	36.8	60.0	4,148.0
June	1,423.7	1,125.0	667.2	325.3	404.1	105.2	36.9	60.1	4,147.5
PUBLIC									
1989-June	556.1	451.5	254.1	148.8	158.2	52.9	21.7	69.6	1,713.0
1990-June	558.8	453.2	263.1	152.3	162.0	51.4	22.4	71.2	1,734.6
1991-June	558.7	442.4	267.5	150.0	159.1	49.5	21.9	73.8	1,723.0
1992—									
May	537.3	429.7	269.8	146.0	159.7	48.4	20.6	71.2	1,683.1
June	534.9	429.8	270.2	145.5	159.6	48.3	20.5	71.0	1,680.0
July	532.9	429.9	270.7	144.9	159.6	48.1	20.4	71.0	1,677.5
August	531.5	429.7	271.3	144.4	159.7	47.9	20.2	71.2	1,675.6
September	530.7	428.8	272.1	143.9	159.9	47.6	20.2	71.4	1,674.3
October	530.7	427.3	272.9	143.6	160.3	47.4	20.1	71.7	1,673.5
November	531.2	425.1	273.8	143.4	160.7	47.2	20.0	72.1	1,673.1
December	532.3	422.3	274.8	143.3	161.2	47.1	20.0	72.4	1,673.0
1993—									
January	533.6	419.1	275.7	143.3	161.6	47.0	20.0	72.8	1,672.9
February	534.8	415.7	276.6	143.3	162.0	47.0	20.0	73.1	1,672.7
March(a)	535.8	412.3	277.4	143.4	162.3	47.1	20.0	73.5	1,672.3
April	536.7	408.8	278.3	143.4	162.5	47.2	20.0	73.9	1,671.6
May	537.6	405.2	279.1	143.5	162.8	47.3	20.1	74.3	1,671.0
June	539.0	401.4	280.0	143.6	162.9	47.3	20.1	74.7	1,670.9
PRIVATE AND PUBLIC									
1989-June	2,137.0	1,723.4	943.7	509.6	524.6	152.7	58.0	123.9	6,173.1
1990-June	2,159.4	1,709.0	938.4	517.4	522.6	152.9	62.3	126.2	6,188.2
1991-June	2,044.8	1,598.4	899.6	518.0	517.3	147.7	63.1	128.3	5,917.4
1992—									
May	2,000.2	1,560.5	915.0	475.1	531.8	144.9	54.4	134.7	5,816.9
June	1,999.7	1,557.8	917.8	473.5	534.8	144.6	54.4	134.6	5,817.3
July	1,999.3	1,554.8	920.8	472.7	537.7	144.2	54.5	134.2	5,818.2
August	1,998.7	1,551.7	923.8	472.2	540.4	143.8	54.8	133.9	5,819.0
September	1,997.5	1,548.5	926.9	472.0	542.9	143.5	55.1	133.5	5,819.5
October	1,995.5	1,545.5	929.7	471.9	545.2	143.4	55.5	133.2	5,819.5
November	1,992.8	1,542.7	932.5	471.6	547.5	143.7	55.8	133.0	5,819.3
December	1,989.6	1,540.2	935.1	471.1	549.9	144.3	56.1	133.0	5,819.0
1993—									
January	1,986.0	1,537.8	937.4	470.7	552.5	145.2	56.3	133.1	5,819.0
February	1,982.2	1,535.5	939.6	470.3	555.3	146.4	56.5	133.4	5,819.3
March(a)	1,977.9	1,533.3	941.6	469.9	558.3	147.8	56.6	133.7	5,819.5
April	1,973.2	1,531.0	943.6	469.4	561.5	149.2	56.8	134.0	5,819.5
May	1,968.0	1,528.7	945.4	469.0	564.7	150.8	56.9	134.3	5,819.0
June	1,962.7	1,526.5	947.3	468.9	567.1	152.4	56.9	134.8	5,818.4

(a) Includes Australian Electoral Commission temporary employees.

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS — SEASONALLY ADJUSTED ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1989-June	1,570.2	1,266.5	685.9	362.3	363.9	96.8	35.5	53.9	4,435.0
1990-June	1,607.9	1,260.2	690.1	363.1	359.1	104.1	39.8	54.0	4,478.2
1991-June	1,480.2	1,157.1	632.7	361.2	360.3	96.1	42.6	55.4	4,185.7
1992—									
May	1,464.4	1,130.4	644.3	332.2	369.6	97.9	32.6	64.1	4,135.5
June	1,466.4	1,128.2	647.7	332.4	371.4	97.2	33.0	64.7	4,141.0
July	1,476.1	1,122.5	650.6	324.3	387.7	96.7	34.7	63.2	4,155.8
August	1,474.0	1,128.5	651.8	329.1	388.3	95.4	35.1	63.2	4,165.4
September	1,474.5	1,128.2	651.4	327.0	391.5	96.0	35.3	63.9	4,167.8
October	1,448.0	1,106.5	658.8	327.8	378.4	95.5	36.3	58.7	4,110.0
November	1,458.4	1,106.9	661.5	329.2	383.2	96.0	35.8	59.2	4,130.2
December	1,459.6	1,105.5	660.9	330.2	380.9	95.3	35.9	59.4	4,127.7
1993—									
January	1,455.0	1,118.7	665.7	329.7	394.3	96.1	36.3	60.9	4,156.7
February	1,463.7	1,129.8	660.1	326.5	392.9	98.5	36.8	60.1	4,168.4
March	1,461.8	1,130.7	666.3	326.7	388.7	98.7	36.6	60.8	4,170.3
April	1,409.9	1,123.4	663.1	323.2	401.1	105.5	36.7	60.6	4,123.6
May	1,418.2	1,122.5	664.2	324.3	408.6	106.3	36.5	60.9	4,141.4
June	1,423.8	1,125.7	665.7	325.8	409.1	107.2	36.4	60.6	4,154.3
PUBLIC									
1989-June	559.1	451.3	253.0	148.6	157.9	53.1	21.4	69.1	1,715.0
1990-June	557.6	455.1	263.4	152.3	162.0	51.3	22.4	71.6	1,737.4
1991-June	557.4	441.9	264.3	151.0	158.9	47.5	21.9	72.4	1,717.3
1992—									
May	538.5	429.8	269.2	145.0	161.6	48.4	20.6	71.2	1,685.4
June	541.2	430.1	270.9	145.7	157.0	47.0	20.5	70.7	1,685.1
July	523.8	427.4	269.7	146.0	160.7	49.8	20.4	71.1	1,668.3
August	534.7	428.9	269.2	144.2	158.7	48.3	20.3	71.4	1,674.2
September	532.9	431.8	271.4	143.9	159.5	47.5	20.2	71.8	1,677.5
October	515.5	429.5	273.9	143.4	160.0	47.7	20.0	71.7	1,661.5
November	532.3	430.2	276.1	142.8	161.1	47.1	20.0	72.2	1,681.7
December	534.3	429.4	278.6	142.4	161.8	45.8	19.8	72.3	1,683.9
1993—									
January	528.5	414.8	268.7	142.4	160.3	45.9	19.7	72.3	1,652.5
February	529.0	408.1	273.6	141.1	159.6	46.6	19.8	72.3	1,649.3
March(a)	563.8	419.9	285.9	146.8	169.5	48.2	20.5	74.1	1,729.2
April	533.4	404.7	275.9	144.4	161.3	47.1	20.1	74.5	1,662.7
May	533.5	402.1	278.1	143.6	161.4	48.0	20.3	74.6	1,662.8
June	532.6	399.4	280.0	143.5	161.5	48.1	20.0	74.6	1,661.8
PRIVATE AND PUBLIC									
1989-June	2,129.3	1,717.8	938.9	510.9	521.8	149.9	56.9	123.0	6,150.1
1990-June	2,165.5	1,715.3	953.4	515.4	521.1	155.4	62.3	125.5	6,215.6
1991-June	2,037.7	1,599.0	897.0	512.2	519.3	143.6	64.5	127.8	5,903.0
1992—									
May	2,002.9	1,560.1	913.4	477.2	531.2	146.4	53.2	135.4	5,820.9
June	2,007.6	1,558.3	918.6	478.1	528.4	144.3	53.5	135.4	5,826.1
July	1,999.9	1,550.0	920.3	470.3	548.4	146.5	55.1	134.3	5,824.1
August	2,008.7	1,557.3	920.9	473.3	547.0	143.6	55.4	134.6	5,839.6
September	2,007.4	1,560.0	922.8	470.8	551.0	143.5	55.5	135.7	5,845.3
October	1,963.6	1,536.0	932.8	471.3	538.3	143.2	56.3	130.4	5,771.5
November	1,990.8	1,537.1	937.6	471.9	544.3	143.2	55.8	131.4	5,811.9
December	1,993.9	1,534.9	939.5	472.7	542.8	141.0	55.7	131.7	5,811.5
1993—									
January	1,983.5	1,533.5	934.5	472.1	554.6	141.9	56.1	133.2	5,809.3
February	1,992.7	1,537.9	933.7	467.5	552.5	145.1	56.6	132.4	5,817.8
March(a)	2,025.5	1,550.6	952.2	473.4	558.2	146.9	57.1	134.9	5,899.5
April	1,943.3	1,528.1	938.9	467.6	562.4	152.6	56.9	135.1	5,786.3
May	1,951.7	1,524.6	942.3	467.8	569.9	154.3	56.7	135.5	5,804.2
June	1,956.4	1,525.1	945.6	469.3	570.6	155.4	56.4	135.2	5,816.1

(a) Includes Australian Electoral Commission temporary employees.

TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS
('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1989-June	1,561.5	1,253.5	683.0	362.4	363.2	95.9	36.0	53.0	4,408.5
1990-June	1,599.6	1,246.9	685.8	363.1	358.6	102.9	40.2	53.1	4,450.3
1991-June	1,473.1	1,145.0	628.0	361.3	359.9	94.9	42.9	54.6	4,159.8
1992—									
May	1,465.8	1,123.7	642.3	335.4	369.8	97.7	32.6	64.2	4,131.5
June	1,459.7	1,116.5	642.8	332.4	371.0	96.0	33.2	63.7	4,115.3
July	1,462.6	1,114.8	645.9	323.0	384.5	96.4	35.2	63.3	4,125.6
August	1,468.6	1,127.7	652.7	327.4	385.3	94.9	36.2	63.6	4,156.4
September	1,471.0	1,129.3	650.0	324.4	386.6	95.4	36.4	63.8	4,156.9
October	1,454.4	1,111.9	668.9	325.4	380.6	95.2	37.9	59.7	4,134.1
November	1,473.8	1,119.3	674.2	329.0	386.4	96.2	37.1	60.9	4,177.0
December	1,477.9	1,124.6	666.3	328.4	387.2	96.6	35.7	61.0	4,177.7
1993—									
January	1,435.9	1,107.3	655.7	328.4	389.2	96.1	34.0	58.3	4,104.8
February	1,465.6	1,133.0	659.0	329.4	393.3	99.4	35.3	59.2	4,174.1
March	1,465.2	1,139.1	666.2	329.5	391.0	99.1	35.2	60.1	4,185.5
April	1,410.2	1,111.6	658.4	325.6	403.0	105.9	36.0	60.8	4,111.7
May	1,419.5	1,115.7	661.9	327.4	408.7	106.1	36.4	61.0	4,136.8
June	1,417.5	1,114.1	660.5	325.8	408.6	105.9	36.6	59.7	4,128.7
PUBLIC									
1989-June	566.6	453.8	255.4	149.8	161.0	53.6	21.7	70.3	1,732.3
1990-June	565.5	458.0	265.6	153.7	165.3	52.0	22.8	72.5	1,755.2
1991-June	565.5	444.9	266.4	152.4	162.3	48.1	22.2	73.3	1,735.1
1992—									
May	545.2	432.0	271.3	145.7	162.1	49.2	20.7	71.8	1,698.0
June	549.1	433.1	273.0	147.1	160.3	47.7	20.8	71.6	1,702.7
July	519.8	427.9	270.4	146.2	160.0	49.9	20.4	70.9	1,665.6
August	537.5	432.6	270.2	144.7	159.0	49.5	20.2	71.1	1,684.8
September	538.2	436.2	271.4	145.2	161.2	47.3	20.3	71.7	1,691.5
October	515.6	430.1	275.4	144.4	160.4	48.3	20.1	71.5	1,665.8
November	536.8	432.6	278.1	143.7	163.5	48.1	20.2	72.1	1,695.0
December	532.5	429.3	277.4	143.3	160.7	46.8	19.9	72.1	1,681.9
1993—									
January	507.8	404.8	258.8	135.9	153.6	43.4	19.4	71.5	1,595.1
February	522.1	403.3	271.6	139.9	157.8	44.2	19.4	72.1	1,630.5
March(a)	566.4	418.9	288.3	147.1	170.1	48.0	20.4	74.3	1,733.5
April	537.2	404.9	277.8	144.9	162.2	47.1	20.1	74.9	1,669.2
May	540.3	404.2	280.2	144.3	161.8	48.8	20.4	75.2	1,675.1
June	540.6	402.3	282.1	144.9	165.0	48.8	20.3	75.6	1,679.6
PRIVATE AND PUBLIC									
1989-June	2,128.1	1,707.3	938.4	512.2	524.2	149.6	57.7	123.3	6,140.8
1990-June	2,165.0	1,704.9	951.4	516.8	523.9	154.9	63.0	125.6	6,205.5
1991-June	2,038.6	1,589.9	894.5	513.7	522.1	143.0	65.1	127.9	5,894.9
1992—									
May	2,011.0	1,555.7	913.6	481.2	531.9	146.9	53.4	135.9	5,829.5
June	2,008.9	1,549.6	915.7	479.5	531.2	143.7	54.0	135.3	5,818.0
July	1,982.4	1,542.7	916.3	469.2	544.6	146.3	55.6	134.2	5,791.2
August	2,006.1	1,560.3	922.9	472.1	544.2	144.3	56.5	134.8	5,841.1
September	2,009.2	1,565.5	921.4	469.5	547.8	142.8	56.7	135.5	5,848.4
October	1,970.1	1,542.0	944.3	469.8	541.0	143.5	58.0	131.2	5,799.9
November	2,010.6	1,551.9	952.3	472.7	549.9	144.2	57.3	133.0	5,872.0
December	2,010.4	1,553.9	943.7	471.7	547.9	143.4	55.6	133.0	5,859.6
1993—									
January	1,943.7	1,512.1	914.4	464.2	542.8	139.6	53.4	129.7	5,700.0
February	1,987.6	1,536.3	930.6	469.3	551.1	143.6	54.7	131.4	5,804.5
March(a)	2,031.6	1,558.1	954.5	476.6	561.0	147.1	55.7	134.4	5,919.0
April	1,947.5	1,516.5	936.2	470.5	565.3	153.0	56.1	135.7	5,780.8
May	1,959.8	1,519.9	942.1	471.7	570.5	154.9	56.8	136.2	5,811.9
June	1,958.2	1,516.4	942.5	470.7	573.7	154.7	56.9	135.3	5,808.2

(a) Includes Australian Electoral Commission temporary employees.

TABLE 4. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS
(\$m)

<i>Year/Quarter</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
PRIVATE									
1989-90	39,244.1	30,297.9	14,929.9	7,608.8	8,588.2	2,181.5	870.0	1,156.9	104,877.2
1990-91	39,982.4	30,123.4	14,589.8	8,156.1	8,698.3	2,197.8	964.9	1,219.6	105,932.3
1991-92	39,513.3	28,614.4	15,025.2	7,873.7	9,160.4	2,289.1	879.5	1,377.8	104,733.6
1992-93	40,048.1	29,233.8	16,399.8	7,911.9	10,311.9	2,329.1	832.4	1,360.4	108,427.3
1990— December	10,496.8	8,114.9	3,825.0	2,085.1	2,229.5	568.6	249.1	320.0	27,889.0
1991— March	9,661.4	7,150.6	3,504.9	2,054.0	2,115.4	551.1	223.3	290.4	25,551.2
June	9,724.9	6,997.5	3,604.3	2,074.1	2,235.0	550.3	251.4	305.0	25,742.4
September	9,832.2	6,985.1	3,667.3	2,036.3	2,193.5	568.8	262.6	306.3	25,852.2
December	10,109.1	7,465.9	3,877.9	2,084.9	2,330.2	592.0	234.4	347.5	27,041.9
1992— March	9,549.5	6,927.8	3,616.5	1,812.4	2,221.5	561.7	188.4	347.6	25,225.4
June	10,022.5	7,235.6	3,863.6	1,940.2	2,415.2	566.6	194.1	376.4	26,614.1
September	9,979.2	7,314.0	4,012.5	1,932.4	2,514.3	577.0	210.3	367.5	26,907.1
December	10,331.7	7,562.3	4,264.7	2,066.0	2,577.2	590.0	212.3	337.8	27,941.9
1993— March	9,826.5	7,115.1	3,914.8	1,912.9	2,494.1	564.6	191.0	312.7	26,331.6
June	9,910.7	7,242.5	4,207.8	2,000.7	2,726.3	597.6	218.8	342.4	27,246.7
PUBLIC									
1989-90	15,718.0	12,677.6	6,767.5	4,113.3	4,363.4	1,387.5	666.4	2,191.3	47,885.0
1990-91	16,633.1	13,386.1	7,185.0	4,486.4	4,607.5	1,399.6	683.2	2,460.6	50,841.4
1991-92	17,313.9	13,971.1	7,822.1	4,599.1	4,942.1	1,474.5	668.4	2,611.3	53,402.5
1992-93	17,613.4	14,322.4	8,453.9	4,592.5	4,994.2	1,454.0	709.2	2,621.9	54,761.5
1990— December	4,187.2	3,448.7	1,881.8	1,128.6	1,138.9	374.7	166.5	590.4	12,916.7
1991— March	4,214.3	3,244.6	1,734.7	1,103.7	1,172.7	339.6	166.7	649.4	12,625.8
June	4,070.2	3,383.6	1,816.6	1,118.4	1,091.8	332.3	160.8	589.2	12,563.0
September	4,322.3	3,349.7	1,886.7	1,140.4	1,240.5	384.1	173.6	703.8	13,201.2
December	4,372.6	3,752.6	2,048.8	1,179.5	1,277.0	374.9	168.5	654.4	13,828.3
1992— March	4,337.9	3,448.2	1,933.8	1,155.9	1,229.8	366.2	172.2	669.2	13,313.4
June	4,281.2	3,420.6	1,952.7	1,123.3	1,194.8	349.3	154.0	583.8	13,059.7
September	4,372.3	3,465.4	2,006.1	1,196.7	1,278.4	376.6	177.8	670.4	13,543.6
December	4,577.6	3,766.0	2,290.4	1,144.9	1,319.5	372.3	180.5	684.6	14,335.8
1993— March	4,127.9	3,466.2	1,999.9	1,107.9	1,169.9	332.6	158.4	614.8	12,977.6
June	4,535.6	3,624.9	2,157.5	1,143.1	1,226.4	372.4	192.6	652.1	13,904.6
PRIVATE AND PUBLIC									
1989-90	54,962.1	42,975.5	21,697.4	11,722.1	12,951.7	3,569.0	1,536.4	3,348.1	152,762.2
1990-91	56,615.5	43,509.4	21,774.8	12,642.5	13,305.9	3,597.4	1,648.1	3,680.2	156,773.7
1991-92	56,827.3	42,585.5	22,847.3	12,472.8	14,102.5	3,763.7	1,547.9	3,989.1	158,136.1
1992-93	57,661.4	43,556.2	24,853.7	12,504.5	15,306.1	3,783.0	1,541.6	3,982.2	163,188.8
1990— December	14,684.0	11,563.7	5,706.8	3,213.6	3,368.4	943.3	415.6	910.4	40,805.6
1991— March	13,875.7	10,395.3	5,239.6	3,157.8	3,288.1	890.7	390.0	939.9	38,177.0
June	13,795.1	10,381.1	5,420.9	3,192.5	3,326.8	882.6	412.3	894.2	38,305.4
September	14,154.5	10,334.9	5,554.0	3,176.7	3,434.0	953.0	436.2	1,010.1	39,053.4
December	14,481.6	11,218.5	5,926.7	3,264.4	3,607.2	966.9	402.9	1,001.9	40,870.1
1992— March	13,887.5	10,376.0	5,550.3	2,968.3	3,451.4	927.9	360.6	1,016.9	38,538.8
June	14,303.7	10,656.2	5,816.3	3,063.5	3,609.9	915.9	348.1	960.3	39,673.8
September	14,351.5	10,779.3	6,018.6	3,129.1	3,792.6	953.6	388.1	1,037.8	40,450.7
December	14,909.2	11,328.2	6,555.1	3,210.9	3,896.7	962.3	392.8	1,022.4	42,277.7
1993— March	13,954.4	10,581.3	5,914.7	3,020.7	3,664.0	897.2	349.3	927.5	39,309.1
June	14,446.3	10,867.4	6,365.3	3,143.7	3,952.7	970.0	411.3	994.5	41,151.3

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS — TREND

State, Territory/Sector	Number of employees (^{'000})				
	June 1992	March 1993	April 1993	May 1993	June 1993
New South Wales	1,999.7	1,977.9	1,973.2	1,968.0	1,962.7
Private	1,464.8	1,442.0	1,436.5	1,430.4	1,423.7
Public	534.9	535.8	536.7	537.6	539.0
Commonwealth	129.3	128.1	127.9	127.6	127.2
State	347.9	354.0	355.3	356.6	358.5
Local	57.7	53.8	53.6	53.4	53.3
Victoria	1,557.8	1,533.3	1,531.0	1,528.7	1,526.5
Private	1,127.9	1,121.0	1,122.2	1,123.5	1,125.0
Public	429.8	412.3	408.8	405.2	401.4
Commonwealth	98.0	97.2	96.9	96.5	96.3
State	287.2	269.0	265.6	262.2	258.6
Local	44.6	46.1	46.3	46.4	46.6
Queensland	917.8	941.6	943.6	945.4	947.3
Private	647.6	664.2	665.3	666.3	667.2
Public	270.2	277.4	278.3	279.1	280.0
Commonwealth	47.2	47.9	48.0	48.1	48.1
State	191.3	195.1	195.5	196.0	196.5
Local	31.6	34.4	34.7	35.1	35.4
South Australia	473.5	469.9	469.4	469.0	468.9
Private	328.0	326.5	326.0	325.5	325.3
Public	145.5	143.4	143.4	143.5	143.6
Commonwealth	28.2	27.7	27.7	27.7	27.6
State	108.1	106.2	106.3	106.4	106.5
Local	9.2	9.4	9.4	9.4	9.4
Western Australia	534.8	558.3	561.5	564.7	567.1
Private	375.2	396.1	399.0	401.8	404.1
Public	159.6	162.3	162.5	162.8	162.9
Commonwealth	25.3	25.0	25.0	25.0	24.9
State	122.4	125.0	125.2	125.5	125.6
Local	11.9	12.2	12.3	12.3	12.4
Tasmania	144.6	147.8	149.2	150.8	152.4
Private	96.3	100.7	102.1	103.6	105.2
Public	48.3	47.1	47.2	47.3	47.3
State	35.5	34.1	34.2	34.3	34.3
Northern Territory	54.4	56.6	56.8	56.9	56.9
Private	33.9	36.6	36.7	36.8	36.9
Public	20.5	20.0	20.0	20.1	20.1
Australian Capital Territory	134.6	133.7	134.0	134.3	134.8
Private	63.5	60.2	60.1	60.0	60.1
Public	71.0	73.5	73.9	74.3	74.7
Australia	5,817.3	5,819.5	5,819.5	5,819.0	5,818.4
Private	4,137.4	4,147.2	4,147.9	4,148.0	4,147.5
Public	1,680.0	1,672.3	1,671.6	1,671.0	1,670.9
Commonwealth	392.8	392.5	392.5	392.2	392.0
State	1,126.8	1,118.0	1,117.0	1,116.1	1,115.7
Local	160.4	161.7	162.2	162.7	163.3

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS — SEASONALLY ADJUSTED

State, Territory/Sector	Number of employees (^{'000})				
	June 1992	March 1993(a)	April 1993	May 1993	June 1993
New South Wales	2,007.6	2,025.5	1,943.3	1,951.7	1,956.4
Private	1,466.4	1,461.8	1,409.9	1,418.2	1,423.8
Public	541.2	563.8	533.4	533.5	532.6
Commonwealth	129.1	150.3	123.6	123.5	122.6
State	353.8	359.3	355.5	355.9	355.8
Local	58.4	54.1	54.3	54.2	54.2
Victoria	1,558.3	1,550.6	1,528.1	1,524.6	1,525.1
Private	1,128.2	1,130.7	1,123.4	1,122.5	1,125.7
Public	430.1	419.9	404.7	402.1	399.4
Commonwealth	99.0	111.4	93.5	93.5	92.7
State	286.3	262.2	264.6	262.4	260.7
Local	44.7	46.3	46.5	46.2	46.1
Queensland	918.6	952.2	938.9	942.3	945.6
Private	647.7	666.3	663.1	664.2	665.7
Public	270.9	285.9	275.9	278.1	280.0
Commonwealth	47.4	56.3	46.7	46.7	46.2
State	192.2	195.2	194.7	196.4	198.5
Local	31.3	34.5	34.4	35.0	35.2
South Australia	478.1	473.4	467.6	467.8	469.3
Private	332.4	326.7	323.2	324.3	325.8
Public	145.7	146.8	144.4	143.6	143.5
Commonwealth	28.5	31.9	27.3	26.5	26.8
State	108.0	105.5	107.6	107.7	107.3
Local	9.2	9.4	9.5	9.4	9.4
Western Australia	528.4	558.2	562.4	569.9	570.6
Private	371.4	388.7	401.1	408.6	409.1
Public	157.0	169.5	161.3	161.4	161.5
Commonwealth	25.6	30.3	24.0	24.0	23.9
State	119.5	126.9	124.9	124.9	125.3
Local	11.9	12.3	12.4	12.4	12.3
Tasmania	144.3	146.9	152.6	154.3	155.4
Private	97.2	98.7	105.5	106.3	107.2
Public	47.0	48.2	47.1	48.0	48.1
State	34.3	34.3	34.4	35.2	35.4
Northern Territory	53.5	57.1	56.9	56.7	56.4
Private	33.0	36.6	36.7	36.5	36.4
Public	20.5	20.5	20.1	20.3	20.0
Australian Capital Territory	135.4	134.9	135.1	135.5	135.2
Private	64.7	60.8	60.6	60.9	60.6
Public	70.7	74.1	74.5	74.6	74.6
Australia	5,826.1	5,899.5	5,786.3	5,804.2	5,816.1
Private	4,141.0	4,170.3	4,123.6	4,141.4	4,154.3
Public	1,685.1	1,729.2	1,662.7	1,662.8	1,661.8
Commonwealth	395.2	448.7	382.8	381.6	380.1
State	1,128.7	1,117.9	1,117.0	1,118.1	1,118.5
Local	161.2	162.6	162.9	163.2	163.3

(a) Total, Public and Commonwealth values include Australian Electoral Commission temporary employees.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees ('000)						Gross earnings	
	June 1992	March 1993(a)	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
New South Wales	2,008.9	2,031.6	1,947.5	1,071.5	888.3	1,959.8	1,958.2	14,446.3
Private	1,459.7	1,465.2	1,410.2	780.9	638.7	1,419.5	1,417.5	9,910.7
Public	549.1	566.4	537.2	290.6	249.7	540.3	540.6	4,535.6
Commonwealth	129.7	151.0	123.9	74.3	49.7	124.0	123.2	1,281.2
State	361.2	361.2	359.5	176.1	186.2	362.3	363.3	2,868.7
Local	58.3	54.2	53.8	40.2	13.8	54.0	54.1	385.7
Victoria	1,549.6	1,558.1	1,516.5	809.0	710.9	1,519.9	1,516.4	10,867.4
Private	1,116.5	1,139.1	1,111.6	602.4	513.3	1,115.7	1,114.1	7,242.5
Public	433.1	418.9	404.9	206.6	197.6	404.2	402.3	3,624.9
Commonwealth	99.2	112.5	93.7	55.6	37.9	93.5	92.9	889.0
State	288.6	259.7	265.0	127.6	136.4	264.0	262.8	2,473.4
Local	45.3	46.7	46.2	23.4	23.3	46.7	46.7	262.5
Queensland	915.7	954.5	936.2	520.3	421.8	942.1	942.5	6,365.3
Private	642.8	666.2	658.4	365.0	296.9	661.9	660.5	4,207.8
Public	273.0	288.3	277.8	155.3	124.9	280.2	282.1	2,157.5
Commonwealth	48.0	56.3	46.9	27.2	19.9	47.1	46.8	404.1
State	193.4	197.4	196.1	100.0	97.8	197.8	199.8	1,534.2
Local	31.6	34.6	34.8	28.1	7.2	35.3	35.5	219.2
South Australia	479.5	476.6	470.5	257.5	214.3	471.7	470.7	3,143.7
Private	332.4	329.5	325.6	181.5	145.9	327.4	325.8	2,000.7
Public	147.1	147.1	144.9	75.9	68.4	144.3	144.9	1,143.1
Commonwealth	28.7	32.1	27.3	17.6	9.1	26.7	27.0	229.7
State	109.2	105.6	108.1	51.9	56.3	108.2	108.5	854.6
Local	9.2	9.4	9.5	6.5	2.9	9.4	9.4	58.8
Western Australia	531.2	561.0	565.3	316.8	253.7	570.5	573.7	3,952.7
Private	371.0	391.0	403.0	232.9	175.9	408.7	408.6	2,726.3
Public	160.3	170.1	162.2	83.9	77.8	161.8	165.0	1,226.4
Commonwealth	25.5	30.4	24.0	14.4	9.6	24.0	23.8	208.8
State	123.0	127.2	125.8	61.6	63.8	125.4	128.9	943.1
Local	11.8	12.4	12.4	7.9	4.5	12.3	12.2	74.6
Tasmania	143.7	147.1	153.0	83.9	70.9	154.9	154.7	970.0
Private	96.0	99.1	105.9	58.5	47.6	106.1	105.9	597.6
Public	47.7	48.0	47.1	25.5	23.3	48.8	48.8	372.4
Commonwealth	8.7	9.5	8.5	5.2	3.0	8.2	8.2	71.9
State	34.9	34.0	34.3	16.9	19.1	36.0	36.0	272.3
Local	4.1	4.5	4.3	3.4	1.2	4.5	4.5	28.2
Northern Territory	54.0	55.7	56.1	30.3	26.5	56.8	56.9	411.3
Private	33.2	35.2	36.0	20.3	16.2	36.4	36.6	218.8
Public	20.8	20.4	20.1	10.0	10.4	20.4	20.3	192.6
Commonwealth	4.1	4.6	3.8	2.1	1.7	3.8	3.8	33.9
State	15.5	14.6	15.2	7.1	8.3	15.4	15.4	151.8
Local	1.2	1.2	1.2	0.8	0.4	1.2	1.1	6.9
Australian Capital Territory	135.3	134.4	135.7	69.4	66.7	136.2	135.3	994.5
Private	63.7	60.1	60.8	29.2	31.8	61.0	59.7	342.4
Public	71.6	74.3	74.9	40.2	35.0	75.2	75.6	652.1
Commonwealth	52.5	54.3	54.8	31.3	23.8	55.0	55.4	517.8
State	19.1	20.0	20.1	9.0	11.2	20.2	20.1	134.3
Australia	5,818.0	5,919.0	5,780.8	3,158.7	2,653.2	5,811.9	5,808.2	41,151.3
Private	4,115.3	4,185.5	4,111.7	2,270.6	1,866.2	4,136.8	4,128.7	27,246.7
Public	1,702.7	1,733.5	1,669.2	888.1	787.0	1,675.1	1,679.6	13,904.6
Commonwealth	396.4	450.6	382.8	227.7	154.7	382.3	381.1	3,636.3
State	1,144.9	1,119.8	1,124.2	550.2	579.1	1,129.3	1,134.8	9,232.3
Local	161.5	163.1	162.2	110.3	53.2	163.5	163.6	1,035.9

(a) Total, Public and Commonwealth values include Australian Electoral Commission temporary employees.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	May 1993	June Quarter 1993	May 1993	June Quarter 1993	May 1993	June Quarter 1993	May 1993	June Quarter 1993
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	119.8	1,299.7	28.4	230.8	392.0	3,005.1	540.3	4,535.6
Commonwealth	56.9	725.7	19.4	158.6	47.7	396.8	124.0	1,281.2
State	55.1	516.2	9.0	72.2	298.1	2,280.3	362.3	2,868.7
Local	7.7	57.8	—	—	46.3	328.0	54.0	385.7
Victoria								
Total Public	85.4	953.8	21.5	191.1	297.3	2,480.0	404.2	3,624.9
Commonwealth	41.4	444.0	16.4	144.3	35.7	300.7	93.5	889.0
State	42.9	499.0	5.1	46.8	216.1	1,927.6	264.0	2,473.4
Local	1.2	10.7	—	—	45.5	251.8	46.7	262.5
Queensland								
Total Public	37.0	326.1	9.0	66.6	234.3	1,764.7	280.2	2,157.5
Commonwealth	19.0	187.4	6.5	49.1	21.6	167.5	47.1	404.1
State	12.6	101.5	2.3	17.5	182.9	1,415.1	197.8	1,534.2
Local	5.4	37.2	—	—	29.8	182.1	35.3	219.2
South Australia								
Total Public	24.5	216.7	7.4	53.1	112.4	873.3	144.3	1,143.1
Commonwealth	12.5	115.2	2.6	18.2	11.6	96.3	26.7	229.7
State	11.9	101.1	4.8	34.9	91.4	718.6	108.2	854.6
Local	0.1	0.4	—	—	9.4	58.4	9.4	58.8
Western Australia								
Total Public	29.1	262.9	7.6	54.0	125.1	909.5	161.8	1,226.4
Commonwealth	9.4	93.4	3.2	23.0	11.3	92.4	24.0	208.8
State	19.7	169.5	4.4	31.1	101.4	742.5	125.4	943.1
Local	—	—	—	—	12.3	74.6	12.3	74.6
Tasmania								
Total Public	7.0	69.9	0.8	6.4	40.9	296.1	48.8	372.4
Commonwealth	2.8	28.2	0.8	6.2	4.6	37.4	8.2	71.9
State	3.5	37.5	—	0.2	32.5	234.6	36.0	272.3
Local	0.7	4.1	—	—	3.8	24.1	4.5	28.2
Northern Territory								
Total Public	0.8	8.2	0.3	1.9	19.3	182.4	20.4	192.6
Commonwealth	0.8	8.2	0.2	1.7	2.8	24.0	3.8	33.9
State	—	—	—	0.3	15.3	151.5	15.4	151.8
Local	—	—	—	—	1.2	6.9	1.2	6.9
Australian Capital Territory								
Total Public	5.6	48.8	1.5	12.1	68.1	591.2	75.2	652.1
Commonwealth	3.2	29.0	1.3	10.7	50.6	478.1	55.0	517.8
State	2.5	19.8	0.2	1.5	17.5	113.0	20.2	134.3
Australia								
Total Public	309.4	3,186.0	76.4	616.2	1,289.4	10,102.3	1,675.1	13,904.6
Commonwealth	146.1	1,631.1	50.4	411.9	185.9	1,593.4	382.3	3,636.3
State	148.2	1,444.7	25.9	204.3	955.1	7,583.2	1,129.3	9,232.3
Local	15.1	110.2	—	—	148.4	925.8	163.5	1,035.9

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, MAY 1993
PERSONS ('000)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	0.4	—	4.3	4.7
Mining	4.3	—	—	4.3
Manufacturing	16.1	0.3	5.8	22.2
Electricity, gas and water	81.8	—	10.5	92.3
Construction	0.2	4.2	37.9	42.2
Wholesale trade	1.5	—	0.7	2.2
Retail trade	0.1	0.1	0.1	0.2
Transport and storage	80.1	—	25.5	105.6
Communication	108.2	—	0.1	108.3
Finance, property and business services	6.1	70.8	23.4	100.3
Public administration and defence(a)	1.3	0.8	332.7	334.8
Community services	1.4	—	834.9	836.3
Recreation, personal and other services	8.0	0.1	13.5	21.7
Total all industries	309.4	76.4	1,289.4	1,675.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, JUNE QUARTER 1993
GROSS EARNINGS (\$m)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	2.8	—	32.5	35.3
Mining	56.2	—	—	56.2
Manufacturing	140.1	2.5	52.4	194.9
Electricity, gas and water	783.1	—	92.6	875.7
Construction	2.2	41.1	287.7	331.0
Wholesale trade	12.5	—	4.8	17.3
Retail trade	0.4	0.5	0.6	1.4
Transport and storage	983.6	—	252.0	1,235.6
Communication	1,084.3	—	0.8	1,085.1
Finance, property and business services	58.1	564.4	159.7	782.3
Public administration and defence(a)	9.9	7.6	2,493.1	2,510.6
Community services	13.0	—	6,606.3	6,619.2
Recreation, personal and other services	39.2	0.8	120.0	160.0
Total all industries	3,186.0	616.2	10,102.3	13,904.6

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS — FULL-TIME AND PART-TIME(a) — MAY 1993

	Number of employees (^{'000})					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	60.8	6.3	67.1	1.7	0.8	2.6
Manufacturing	621.1	183.1	804.2	33.3	61.0	94.3
Electricity, gas and water	82.3	10.0	92.4	1.0	1.9	2.8
Construction	203.2	32.7	235.9	12.6	15.1	27.8
Wholesale trade	255.0	92.4	347.4	22.2	38.0	60.2
Retail trade	256.7	157.6	414.3	104.5	260.8	365.3
Transport and storage	175.7	41.2	216.9	21.6	12.0	33.6
Communication	76.7	24.7	101.4	1.5	6.5	8.0
Finance, property and business services	307.2	271.8	579.0	48.3	129.9	178.2
Public administration and defence(b)	188.9	98.9	287.8	10.7	36.3	47.0
Community services	387.3	502.4	889.7	86.5	427.1	513.6
Recreation, personal and other services(c)	106.6	88.3	194.9	89.5	153.5	243.0
Total all industries(d)	2,725.2	1,510.2	4,235.4	433.5	1,143.0	1,576.5
Private	1,906.5	976.7	2,883.3	364.1	889.5	1,253.5
Public	818.6	533.5	1,352.1	69.5	253.5	323.0
STATES AND TERRITORIES						
New South Wales	925.2	528.8	1,454.1	146.3	359.5	505.8
Victoria	695.0	395.8	1,090.8	114.0	315.1	429.1
Queensland	454.8	243.3	698.2	65.4	178.5	243.9
South Australia	223.1	111.9	335.0	34.3	102.4	136.7
Western Australia	272.9	136.0	409.0	43.9	117.6	161.5
Tasmania	69.4	35.3	104.7	14.5	35.6	50.2
Northern Territory	25.3	17.1	42.4	5.0	9.5	14.4
Australian Capital Territory	59.3	41.9	101.2	10.1	24.8	34.9

(a) See Explanatory Notes, paragraph 27. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS — TREND

Industry	Number of employees (^{'000})				
	June 1992	March 1993	April 1993	May 1993	June 1993
Mining	77.4	73.7	72.7	71.7	70.5
Manufacturing	909.5	893.9	893.4	893.1	893.1
Construction	252.2	258.2	258.9	259.6	260.3
Wholesale trade	384.2	402.9	406.3	409.8	413.5
Retail trade	804.5	792.4	790.8	789.0	786.8
Transport and storage	267.2	258.6	256.6	254.4	252.2
Communication	118.7	110.0	109.2	108.4	107.5
Finance, property and business services	757.8	756.9	756.7	756.4	756.2
Public administration and defence(a)	321.8	339.4	341.2	342.9	344.5
Community services	1,358.4	1,381.8	1,384.1	1,386.4	1,389.1
Recreation, personal and other services	457.3	447.3	444.5	441.4	437.2
Total all industries(b)(c)	5,817.3	5,819.5	5,819.5	5,819.0	5,818.4

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS — SEASONALLY ADJUSTED

Industry	Number of employees (^{'000})				
	June 1992	March 1993	April 1993	May 1993	June 1993
Mining	78.0	76.1	69.1	69.7	69.7
Manufacturing	913.3	889.6	897.4	900.6	900.9
Construction	252.4	257.1	261.5	260.4	260.0
Wholesale trade	389.4	401.1	409.4	413.4	414.6
Retail trade	802.8	803.4	783.0	781.9	788.1
Transport and storage	267.8	263.7	251.9	249.5	250.7
Communication	118.7	110.3	109.3	108.8	108.7
Finance, property and business services	761.2	753.3	759.9	755.6	760.9
Public administration and defence(a)	322.4	394.1	333.7	332.8	330.5
Community services	1,358.6	1,386.8	1,373.6	1,386.6	1,387.8
Recreation, personal and other services	447.2	453.8	435.4	439.2	438.3
Total all industries(b)(c)	5,826.1	5,899.5	5,786.3	5,804.2	5,816.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	72.9	71.4	64.9	58.4	6.9	65.4	65.4	877.7
Manufacturing	881.8	875.7	876.0	635.3	240.9	876.2	872.5	6,719.4
Electricity, gas and water	3.1	3.0	2.9	2.2	0.6	2.9	2.9	28.8
Construction	211.4	215.0	219.7	182.4	39.0	221.4	219.4	1,706.1
Wholesale trade	380.7	400.4	400.4	275.9	129.5	405.4	405.6	3,048.4
Retail trade	795.2	801.9	778.4	361.0	418.3	779.4	780.7	3,541.0
Transport and storage	152.1	154.5	145.5	106.0	38.9	144.9	145.3	1,071.7
Finance, property and business services	654.6	658.6	656.2	313.6	343.3	656.9	659.1	5,149.8
Community services	543.7	567.4	554.4	149.2	417.8	567.0	565.1	3,320.1
Recreation, personal and other services(a)	419.2	436.1	412.2	185.6	230.6	416.2	411.7	1,774.7
Total all industries(b)	4,115.3	4,185.5	4,111.7	2,270.6	1,866.2	4,136.8	4,128.7	27,246.7
COMMONWEALTH GOVERNMENT								
Manufacturing	16.3	15.3	15.0	12.4	2.5	14.9	14.8	133.9
Electricity, gas and water	0.8	0.7	0.7	0.6	0.1	0.7	0.7	5.8
Construction	4.5	4.4	4.7	4.0	*0.5	4.5	4.5	41.6
Wholesale trade	0.8	0.6	0.6	0.4	0.2	0.6	0.6	6.9
Retail trade	—	—	—	—	—	—	—	—
Transport and storage	30.1	29.9	27.9	20.2	7.7	27.9	27.8	461.1
Communication	117.9	108.9	108.6	77.3	30.9	108.2	107.5	1,084.3
Finance, property and business services	59.2	55.8	55.6	22.5	32.5	55.0	54.9	466.5
Public administration and defence(c)(e)	108.1	173.9	107.6	57.1	50.8	107.9	107.6	888.5
Community services	50.1	53.5	54.2	28.8	25.9	54.7	54.8	461.7
Recreation, personal and other services(a)	8.5	7.5	7.9	4.4	3.5	8.0	8.0	86.1
Total all industries(d)(e)	396.4	450.6	382.8	227.7	154.7	382.3	381.1	3,636.3

See footnotes at end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	5.7	4.7	4.7	3.7	0.9	4.6	4.6	34.8
Mining	4.8	4.2	4.3	4.1	0.1	4.3	4.2	56.2
Manufacturing	8.0	6.5	6.5	6.0	0.6	6.6	6.4	55.8
Electricity, gas and water	77.4	76.9	76.4	65.9	9.6	75.4	74.8	743.5
Construction	31.9	31.4	31.1	24.2	6.6	30.8	30.2	246.9
Wholesale trade	1.1	1.1	1.1	0.7	0.4	1.2	1.2	8.1
Retail trade	0.3	0.2	0.2	0.1	0.1	0.2	0.2	1.4
Transport and storage	83.0	77.8	76.7	69.5	6.4	76.0	75.0	763.2
Finance, property and business services	45.8	45.1	45.2	19.3	25.8	45.2	45.3	314.6
Public administration and defence(c)(e)	87.5	86.1	91.5	55.3	35.9	91.1	90.9	783.8
Community services	785.0	772.5	773.4	295.4	484.9	780.3	788.6	6,150.8
Recreation, personal and other services	14.2	13.1	13.0	5.8	7.6	13.5	13.4	72.4
Total all industries(b)	1,144.9	1,119.8	1,124.2	550.2	579.1	1,129.3	1,134.8	9,232.3
LOCAL GOVERNMENT								
Electricity, gas and water	21.1	15.9	16.2	14.6	1.5	16.2	16.2	126.4
Public administration and defence(c)(e)	130.4	135.9	134.5	87.2	48.5	135.8	135.8	838.2
Other industries	10.0	11.3	11.4	8.4	3.1	11.5	11.6	71.3
Total all industries	161.5	163.1	162.2	110.3	53.2	163.5	163.6	1,035.9
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	5.9	4.8	4.8	3.7	0.9	4.7	4.6	35.3
Mining	4.8	4.2	4.3	4.1	0.1	4.3	4.2	56.2
Manufacturing	25.0	22.6	22.2	19.0	3.2	22.2	22.0	194.9
Electricity, gas and water	99.2	93.5	93.3	81.1	11.3	92.3	91.7	875.7
Construction	42.0	42.5	42.6	33.4	8.8	42.2	41.6	331.0
Wholesale trade	2.3	2.1	2.1	1.4	0.8	2.2	2.2	17.3
Retail trade	0.3	0.2	0.2	0.1	0.1	0.2	0.2	1.4
Transport and storage	114.7	109.5	106.4	91.3	14.3	105.6	104.5	1,235.6
Communication	118.0	109.0	108.8	77.4	30.9	108.3	107.7	1,085.1
Finance, property and business services	105.1	101.1	100.9	42.0	58.4	100.3	100.3	782.3
Public administration and defence(c)(e)	326.0	395.8	333.6	199.6	135.2	334.8	334.2	2,510.6
Community services	836.3	827.3	828.9	324.6	511.7	836.3	844.7	6,619.2
Recreation, personal and other services	23.0	20.9	21.2	10.5	11.2	21.7	21.7	160.0
Total all industries(e)	1,702.7	1,733.5	1,669.2	888.1	787.0	1,675.1	1,679.6	13,904.6

See footnotes at end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)							Gross earnings
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	77.8	75.6	69.1	62.6	7.1	69.6	69.6	933.9
Manufacturing	906.7	898.3	898.2	654.3	244.1	898.5	894.4	6,914.3
Electricity, gas and water	102.3	96.5	96.2	83.3	11.9	95.2	94.5	904.5
Construction	253.3	257.5	262.2	215.8	47.8	263.6	261.0	2,037.1
Wholesale trade	383.0	402.6	402.5	277.2	130.3	407.6	407.8	3,065.7
Retail trade	795.5	802.1	778.7	361.2	418.4	779.6	781.0	3,542.5
Transport and storage	266.8	263.9	251.9	197.3	53.2	250.5	249.8	2,307.3
Communication	118.8	110.5	109.8	78.2	31.2	109.4	108.8	1,094.2
Finance, property and business services	759.7	759.6	757.1	355.6	401.7	757.2	759.4	5,932.0
Public administration and defence(c)(e)	326.0	395.8	333.6	199.6	135.2	334.8	334.2	2,510.6
Community services	1,380.0	1,394.8	1,383.3	473.8	929.4	1,403.3	1,409.7	9,939.3
Recreation, personal and other services(a)	442.2	457.0	433.4	196.1	241.8	437.9	433.4	1,934.7
Total all industries(d)(e)	5,818.0	5,919.0	5,780.8	3,158.7	2,653.2	5,811.9	5,808.2	41,151.3

(a) Excludes private households employing staff. (b) Includes employees of enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) March 1993 includes Australian Electoral Commission temporary employees.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	292.2	295.0	298.8	215.9	83.4	299.3	296.8	2,404.0
Electricity, gas and water; Construction	77.2	76.1	75.1	59.7	15.0	74.7	75.7	595.3
Wholesale trade	152.5	160.6	155.1	101.5	55.4	156.9	156.8	1,294.7
Retail trade	268.5	266.6	266.1	124.2	144.3	268.5	269.2	1,189.8
Transport and storage	55.5	55.0	47.4	34.6	12.8	47.3	47.5	352.4
Finance, property and business services	267.1	266.4	249.7	123.6	127.6	251.1	252.2	2,176.7
Community services	177.4	177.8	165.9	43.2	126.7	169.9	168.7	1,055.2
Recreation, personal and other services(a)	149.5	149.2	135.4	62.8	72.4	135.1	134.2	595.5
Total all industries(b)(e)	1,459.7	1,465.2	1,410.2	780.9	638.7	1,419.5	1,417.5	9,910.7
PUBLIC								
Manufacturing	9.7	9.4	9.1	7.9	1.1	9.1	9.0	79.4
Electricity, gas and water; Construction	47.2	45.9	45.7	38.1	7.1	45.1	44.8	371.8
Wholesale trade	0.6	0.6	0.6	0.4	0.2	0.6	0.6	4.1
Retail trade	—	—	—	—	—	—	—	—
Transport and storage	41.6	40.0	39.2	32.9	6.2	39.1	38.9	522.7
Communication	41.8	37.8	37.3	26.6	10.8	37.4	37.0	376.2
Finance, property and business services	46.1	44.9	44.7	17.7	26.8	44.4	44.6	331.6
Public administration and defence(c)(f)	87.6	115.1	89.0	54.7	34.7	89.3	89.2	664.5
Community services	260.2	260.4	259.3	104.2	158.5	262.7	264.0	2,065.3
Recreation, personal and other services	8.9	8.2	8.2	4.5	3.9	8.5	8.4	72.5
Total all industries(d)(e)(f)	549.1	566.4	537.2	290.6	249.7	540.3	540.6	4,535.6
PRIVATE AND PUBLIC								
Mining	22.1	19.8	18.4	17.2	1.2	18.4	18.2	277.0
Manufacturing	301.8	304.4	307.9	223.8	84.5	308.3	305.8	2,483.4
Electricity, gas and water	37.3	36.0	35.8	30.5	4.8	35.2	34.9	319.6
Construction	87.1	86.0	85.0	67.3	17.3	84.6	85.6	647.4
Wholesale trade	153.1	161.2	155.7	101.9	55.6	157.6	157.4	1,298.8
Retail trade	268.5	266.6	266.1	124.2	144.3	268.5	269.2	1,189.8
Transport and storage	97.0	95.0	86.6	67.5	19.0	86.5	86.4	875.2
Communication	42.0	38.7	37.7	26.9	10.9	37.8	37.4	379.5
Finance, property and business services	313.2	311.3	294.3	141.3	154.3	295.6	296.8	2,508.2
Public administration and defence(c)(f)	87.6	115.1	89.0	54.7	34.7	89.3	89.2	664.5
Community services	437.7	438.1	425.2	147.4	285.2	432.6	432.7	3,120.4
Recreation, personal and other services(a)	158.5	157.4	143.7	67.3	76.3	143.6	142.6	667.9
Total all industries(d)(f)	2,008.9	2,031.6	1,947.5	1,071.5	888.3	1,959.8	1,958.2	14,446.3

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes employees classified to Mining. (f) March 1993 includes Australian Electoral Commission temporary employees.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY

Industry	Number of employees (⁰⁰⁰)						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	4.3	4.0	2.8	2.4	*0.4	2.8	2.8	*37.2
Manufacturing	297.4	290.0	288.7	198.7	87.6	286.2	286.1	2,248.4
Electricity, gas and water; Construction	50.4	47.2	51.3	42.9	9.4	52.2	50.6	361.9
Wholesale trade	95.2	98.0	100.2	68.3	32.9	101.1	101.6	741.5
Retail trade	201.3	210.1	186.6	83.4	101.3	184.7	185.0	829.1
Transport and storage	36.1	42.3	40.4	29.7	10.5	40.2	40.2	292.8
Finance, property and business services	168.1	176.1	183.2	89.7	95.5	185.2	184.0	1,399.4
Community services	163.1	164.2	154.4	40.4	116.6	157.0	158.7	900.3
Recreation, personal and other services(a)	100.5	107.1	104.1	46.9	59.1	106.1	104.9	430.7
Total all industries(b)	1,116.5	1,139.1	1,111.6	602.4	513.3	1,115.7	1,114.1	7,242.5
PUBLIC								
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	0.4
Mining	1.9	1.6	1.6	1.6	—	1.6	1.5	17.4
Manufacturing	*5.4	5.2	5.2	4.0	*1.2	5.2	5.1	50.4
Electricity, gas and water; Construction	37.1	33.2	32.9	27.2	5.0	32.2	31.7	354.5
Wholesale trade	0.3	0.3	0.3	0.2	0.1	0.3	0.3	3.7
Retail trade	—	0.1	—	—	—	—	—	0.3
Transport and storage	27.9	25.4	23.8	19.9	3.2	23.1	22.4	302.4
Communication	34.9	32.8	32.1	22.6	9.6	32.2	31.8	335.4
Finance, property and business services	21.4	19.6	19.4	7.4	11.8	19.1	19.1	169.2
Public administration and defence(c)(e)	82.8	98.0	83.9	44.8	39.3	84.1	83.2	599.3
Community services	215.4	197.7	200.1	76.5	124.4	200.9	201.5	1,756.4
Recreation, personal and other services	5.9	5.0	5.4	2.5	2.9	5.4	5.5	35.5
Total all industries(e)	433.1	418.9	404.9	206.6	197.6	404.2	402.3	3,624.9
PRIVATE AND PUBLIC								
Mining	6.2	5.7	4.4	3.9	0.5	4.4	4.3	54.5
Manufacturing	302.8	295.2	293.9	202.6	88.8	291.4	291.2	2,298.8
Electricity, gas and water	27.9	24.1	24.0	20.7	2.9	23.6	23.5	261.9
Construction	59.6	56.3	60.1	49.4	11.4	60.8	58.8	454.5
Wholesale trade	95.5	98.3	100.5	68.4	33.0	101.4	101.9	745.2
Retail trade	201.3	210.1	186.7	83.4	101.3	184.8	185.0	829.4
Transport and storage	64.0	67.7	64.2	49.6	13.7	63.3	62.7	595.2
Communication	35.0	32.9	32.3	22.7	9.6	32.3	32.0	336.7
Finance, property and business services	189.5	195.6	202.6	97.0	107.2	204.3	203.1	1,568.6
Public administration and defence(c)(e)	82.8	98.0	83.9	44.8	39.3	84.1	83.2	599.3
Community services	378.5	361.8	354.5	117.0	241.0	357.9	360.3	2,656.6
Recreation, personal and other services(a)	106.4	112.1	109.5	49.4	62.1	111.4	110.4	466.2
Total all industries(d)(e)	1,549.6	1,558.1	1,516.5	809.0	710.9	1,519.9	1,516.4	10,867.4

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes Australian Electoral Commission temporary employees.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	20.2	21.5	17.6	16.2	1.5	17.7	17.7	242.8
Manufacturing	118.6	122.0	119.1	89.3	30.1	119.4	118.5	826.9
Electricity, gas and water; Construction	36.3	41.6	41.7	35.6	6.9	42.5	41.1	330.6
Wholesale trade	51.9	56.1	57.0	42.0	16.0	58.0	58.1	395.5
Retail trade	144.7	145.9	142.1	68.0	74.1	142.1	143.7	735.0
Transport and storage	25.5	25.8	26.5	18.1	*7.8	25.9	26.3	177.5
Finance, property and business services	91.5	91.0	93.8	41.5	49.6	91.2	92.7	651.0
Community services	76.7	82.8	84.0	20.7	66.2	86.9	84.6	499.1
Recreation, personal and other services(a)	77.3	79.3	76.6	33.5	44.8	78.2	77.6	349.3
Total all industries(b)	642.8	666.2	658.4	365.0	296.9	661.9	660.5	4,207.8
PUBLIC								
Agriculture, forestry, fishing and hunting	0.1	0.1	0.1	0.1	*0.0	0.1	0.1	0.5
Manufacturing	5.1	3.7	3.7	3.6	0.2	3.8	3.8	33.5
Electricity, gas and water; Construction	20.5	21.8	21.9	18.5	3.4	21.9	21.9	167.0
Wholesale trade	0.6	0.6	0.6	0.4	0.2	0.6	0.6	4.1
Retail trade	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.9
Transport and storage	22.6	21.7	21.6	19.4	2.2	21.6	21.6	206.7
Communication	18.1	16.6	16.4	11.9	4.6	16.5	16.2	161.7
Finance, property and business services	12.6	12.0	12.0	5.4	6.7	12.0	12.0	92.8
Public administration and defence(c)(e)	57.2	69.7	61.2	40.9	20.6	61.5	61.7	428.8
Community services	134.0	139.9	138.0	54.1	85.8	139.9	141.8	1,048.8
Recreation, personal and other services	2.1	2.0	2.1	0.8	1.3	2.0	2.0	12.9
Total all industries(e)	273.0	288.3	277.8	155.3	124.9	280.2	282.1	2,157.5
PRIVATE AND PUBLIC								
Mining	20.2	21.5	17.6	16.2	1.5	17.7	17.7	242.8
Manufacturing	123.7	125.7	122.8	92.9	30.2	123.2	122.3	860.4
Electricity, gas and water	12.6	12.5	12.4	10.9	1.5	12.4	12.4	105.1
Construction	44.3	51.0	51.1	43.2	8.8	52.0	50.6	392.5
Wholesale trade	52.5	56.7	57.6	42.4	16.2	58.6	58.8	399.6
Retail trade	144.8	146.1	142.2	68.1	74.1	142.3	143.9	735.9
Transport and storage	48.1	47.5	48.1	37.6	*10.0	47.5	48.0	384.2
Communication	18.1	16.6	16.4	11.9	4.6	16.5	16.2	161.7
Finance, property and business services	104.1	103.1	105.9	46.9	56.3	103.2	104.7	743.8
Public administration and defence(c)(e)	57.2	69.7	61.2	40.9	20.6	61.5	61.7	428.8
Community services	210.6	222.7	222.0	74.8	152.0	226.8	226.4	1,547.8
Recreation, personal and other services(a)	79.5	81.4	78.7	34.3	46.0	80.3	79.6	362.1
Total all industries(d)(e)	915.7	954.5	936.2	520.3	421.8	942.1	942.5	6,365.3

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes Australian Electoral Commission temporary employees.

TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	87.3	82.0	82.7	64.7	18.9	83.6	83.9	610.1
Electricity, gas and water; Construction	12.0	11.4	10.5	8.3	2.1	10.4	9.9	74.1
Wholesale trade	36.5	34.8	36.0	26.0	10.9	37.0	36.4	237.1
Retail trade	58.8	60.8	57.2	24.7	32.2	56.8	56.7	235.1
Transport and storage	*15.2	*13.0	*14.6	*11.9	*2.7	*14.6	*14.5	*115.8
Finance, property and business services	46.9	46.7	46.9	19.7	26.8	46.5	45.6	305.1
Community services	45.3	49.5	50.7	12.2	39.2	51.4	51.9	278.7
Recreation, personal and other services(a)	28.1	28.7	24.0	11.5	12.8	24.2	23.8	114.0
Total all industries(b)(e)	332.4	329.5	325.6	181.5	145.9	327.4	325.8	2,000.7
PUBLIC								
Manufacturing	3.2	2.9	2.8	2.5	0.3	2.8	2.7	21.5
Electricity, gas and water; Construction	13.3	12.6	12.6	11.0	1.6	12.6	12.4	109.7
Wholesale trade	*0.2	0.1	0.1	0.1	—	0.1	0.1	1.2
Retail trade	—	—	—	—	—	—	—	0.2
Transport and storage	8.3	7.5	6.9	6.2	0.7	6.9	6.9	65.8
Communication	8.5	8.3	9.2	6.5	2.1	8.7	9.1	81.4
Finance, property and business services	9.8	9.5	9.5	4.4	5.1	9.5	9.5	68.4
Public administration and defence(c)(f)	19.9	25.5	20.3	12.6	7.7	20.3	20.2	148.9
Community services	80.3	78.0	80.8	31.2	49.4	80.6	81.2	627.4
Recreation, personal and other services	2.6	1.8	1.7	0.7	1.3	1.9	1.8	11.0
Total all industries(d)(e)(f)	147.1	147.1	144.9	75.9	68.4	144.3	144.9	1,143.1
PRIVATE AND PUBLIC								
Manufacturing	90.5	84.9	85.6	67.2	19.2	86.4	86.6	631.6
Electricity, gas and water	9.1	8.4	8.4	7.4	0.9	8.4	8.3	74.2
Construction	16.2	15.6	14.7	11.9	2.8	14.7	14.1	109.6
Wholesale trade	36.8	35.0	36.1	26.1	11.0	37.1	36.6	238.3
Retail trade	58.8	60.8	57.2	24.7	32.2	56.8	56.7	235.4
Transport and storage	23.5	*20.4	*21.6	*18.1	3.4	*21.5	*21.4	*181.7
Communication	8.5	8.3	9.3	6.6	2.1	8.7	9.2	81.8
Finance, property and business services	56.8	56.3	56.4	24.2	31.9	56.0	55.1	373.5
Public administration and defence(c)(f)	19.9	25.5	20.3	12.6	7.7	20.3	20.2	148.9
Community services	125.6	127.6	131.5	43.4	88.6	132.0	133.1	906.1
Recreation, personal and other services(a)	30.6	30.5	25.7	12.1	14.0	26.2	25.6	125.1
Total all industries(d)(e)(f)	479.5	476.6	470.5	257.5	214.3	471.7	470.7	3,143.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes employees classified to mining. (f) Includes Australian Electoral Commission temporary employees.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	23.5	21.3	20.8	18.3	3.0	21.3	21.4	269.6
Manufacturing	58.7	61.0	60.3	46.6	14.6	61.2	60.7	453.4
Electricity, gas and water; Construction	24.8	28.6	31.1	*27.4	3.8	31.2	31.5	280.5
Wholesale trade	31.9	38.3	39.7	28.9	10.9	39.9	40.2	292.5
Retail trade	77.4	74.4	77.9	37.8	40.8	78.6	77.6	338.2
Transport and storage	13.2	12.1	10.4	7.2	3.3	10.5	10.5	90.8
Finance, property and business services	50.6	49.4	53.4	25.5	29.3	54.8	56.3	442.0
Community services	53.2	62.5	67.2	*22.6	46.1	68.7	68.0	401.2
Recreation, personal and other services(a)	37.6	43.4	42.0	18.4	24.0	42.4	42.2	157.1
Total all industries(b)	371.0	391.0	403.0	232.9	175.9	408.7	408.6	2,726.3
PUBLIC								
Agriculture, forestry, fishing and hunting	1.5	1.6	1.6	1.2	0.4	1.6	1.5	11.7
Manufacturing	0.5	0.3	0.4	0.3	0.1	0.4	0.3	2.5
Electricity, gas and water; Construction	13.4	13.4	13.3	11.7	1.5	13.2	13.1	116.0
Wholesale trade	0.5	0.5	0.4	0.3	0.2	0.4	0.5	4.0
Retail trade	—	—	—	—	—	—	—	—
Transport and storage	9.5	9.5	9.6	8.7	0.9	9.6	9.5	91.8
Communication	9.4	8.6	8.5	6.2	2.4	8.6	8.5	81.2
Finance, property and business services	9.7	9.5	9.5	4.1	5.4	9.5	9.5	69.1
Public administration and defence(c)(e)	27.6	33.9	27.5	16.7	10.8	27.4	27.5	197.2
Community services	86.2	90.9	89.5	33.9	55.2	89.1	92.7	640.1
Recreation, personal and other services	1.9	1.9	1.8	0.9	1.0	1.9	1.9	12.1
Total all industries(e)	160.3	170.1	162.2	83.9	77.8	161.8	165.0	1,226.4
PRIVATE AND PUBLIC								
Mining	23.5	21.3	20.9	18.3	3.0	21.3	21.4	270.4
Manufacturing	59.2	61.4	60.6	46.9	14.7	61.6	61.1	455.8
Electricity, gas and water	9.2	9.3	9.2	8.3	0.9	9.2	9.1	82.7
Construction	28.9	32.7	35.2	30.8	4.3	35.2	35.5	313.8
Wholesale trade	32.3	38.7	40.1	29.2	11.1	40.3	40.7	296.4
Retail trade	77.4	74.4	77.9	37.8	40.8	78.6	77.6	338.2
Transport and storage	22.7	21.6	19.9	15.9	4.2	20.1	20.0	182.5
Communication	9.5	8.7	8.7	6.3	2.4	8.7	8.6	82.4
Finance, property and business services	60.3	58.9	62.9	29.6	34.7	64.3	65.8	511.1
Public administration and defence(c)(e)	27.6	33.9	27.5	16.7	10.8	27.4	27.5	197.2
Community services	139.4	153.3	156.7	56.5	101.3	157.8	160.7	1,041.2
Recreation, personal and other services(a)	39.5	45.2	43.9	19.3	25.0	44.3	44.1	169.2
Total all industries(d)(e)	531.2	561.0	565.3	316.8	253.7	570.5	573.7	3,952.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes Australian Electoral Commission temporary employees.

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	1.5	2.5	2.2	2.0	0.2	2.2	2.1	27.0
Manufacturing	21.9	20.9	21.6	16.6	5.0	21.6	21.5	142.3
Electricity, gas and water; Construction	4.8	4.5	4.2	3.4	*0.7	4.1	4.2	27.7
Wholesale trade	7.7	7.5	7.8	5.8	2.0	7.8	7.7	48.1
Retail trade	20.4	21.7	26.0	13.4	12.8	26.2	26.8	116.9
Transport and storage	4.3	3.8	4.1	2.9	*1.2	4.1	4.0	27.4
Finance, property and business services	11.4	12.4	11.9	4.8	6.5	11.3	11.6	70.5
Community services	13.2	14.5	15.2	*4.6	11.6	16.2	16.3	89.8
Recreation, personal and other services(a)	10.8	11.3	12.9	4.9	7.8	12.7	11.8	47.8
Total all industries(b)	96.0	99.1	105.9	58.5	47.6	106.1	105.9	597.6
PUBLIC								
Agriculture, forestry, fishing and hunting	0.7	0.7	0.7	0.6	0.1	0.7	0.7	5.6
Manufacturing	0.2	0.1	0.1	0.1	—	0.1	0.1	1.2
Electricity, gas and water; Construction	5.7	5.1	5.3	4.5	0.7	5.2	5.1	49.2
Wholesale trade	—	—	—	—	—	—	—	0.2
Retail trade	0.1	—	—	—	—	—	—	—
Transport and storage	2.0	2.0	2.0	1.6	0.4	2.0	1.9	15.4
Communication	2.5	2.3	2.4	1.8	0.5	2.3	2.3	22.3
Finance, property and business services	1.4	1.4	1.4	0.7	0.7	1.4	1.4	12.0
Public administration and defence(c)(e)	10.5	11.2	10.1	6.3	4.1	10.4	10.4	74.3
Community services	23.9	24.5	24.4	9.4	16.5	26.0	26.3	187.1
Recreation, personal and other services	0.6	0.7	0.6	0.4	0.3	0.7	0.6	5.2
Total all industries(e)	47.7	48.0	47.1	25.5	23.3	48.8	48.8	372.4
PRIVATE AND PUBLIC								
Mining	1.5	2.5	2.2	2.0	0.2	2.2	2.1	27.0
Manufacturing	22.1	21.0	21.7	16.7	5.0	21.7	21.6	143.5
Electricity, gas and water	3.8	3.6	3.9	3.4	0.4	3.9	3.8	38.7
Construction	6.8	6.0	5.6	4.5	0.9	5.5	5.5	38.2
Wholesale trade	7.8	7.5	7.8	5.8	2.0	7.8	7.7	48.3
Retail trade	20.5	21.7	26.0	13.4	12.8	26.2	26.8	116.9
Transport and storage	6.3	5.9	6.1	4.5	1.5	6.1	5.9	42.8
Communication	2.5	2.3	2.4	1.8	0.5	2.3	2.3	22.3
Finance, property and business services	12.9	13.7	13.3	5.5	7.2	12.7	13.0	82.5
Public administration and defence(c)(e)	10.5	11.2	10.1	6.3	4.1	10.4	10.4	74.3
Community services	37.0	39.0	39.7	14.1	28.1	42.2	42.6	276.8
Recreation, personal and other services(a)	11.4	12.0	13.6	5.3	8.1	13.4	12.5	53.0
Total all industries(d)(e)	143.7	147.1	153.0	83.9	70.9	154.9	154.7	970.0

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes Australian Electoral Commission temporary employees.

TABLE 21. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY — INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.3	1.8	2.0	1.9	0.2	2.1	2.2	25.8
Manufacturing	2.0	1.9	2.0	1.5	0.6	2.1	2.1	12.5
Electricity, gas and water	1.0	1.0	0.9	0.8	0.1	0.9	0.9	9.5
Construction	*4.9	*4.7	*5.1	*4.1	*1.2	*5.3	*5.5	*35.5
Wholesale trade	1.6	1.5	1.5	1.1	*0.4	1.4	1.5	11.1
Retail trade	8.3	7.5	7.6	3.2	4.4	7.5	7.2	36.5
Transport and storage	1.9	1.9	1.7	1.2	0.5	1.7	1.8	14.0
Communication	1.2	1.0	1.0	0.7	0.3	1.0	1.0	10.3
Finance, property and business services	*6.0	*5.4	*5.6	*3.2	2.5	*5.7	*5.6	34.7
Public administration and defence(a)(d)	6.0	6.4	6.1	3.4	2.7	6.2	6.0	55.3
Community services	14.8	15.3	15.5	6.0	9.7	15.8	15.8	128.6
Recreation, personal and other services(b)	5.0	7.2	7.0	3.3	3.8	7.1	7.3	37.3
Total all industries(c)(d)	54.0	55.7	56.1	30.3	26.5	56.8	56.9	411.3

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (d) Includes Australian Electoral Commission temporary employees.

TABLE 22. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY — INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	June 1992	March 1993	April 1993	May 1993		June 1993	June Quarter 1993	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	4.7	3.7	3.7	2.7	1.1	3.8	3.7	28.3
Electricity, gas and water	1.5	1.5	1.5	1.3	0.3	1.6	1.5	12.7
Construction	5.5	5.3	5.4	4.5	1.1	5.6	5.5	45.7
Wholesale trade	3.3	3.6	3.2	2.3	1.0	3.3	3.2	27.8
Retail trade	15.8	14.9	14.9	6.4	8.5	14.9	14.6	60.4
Transport and storage	3.3	3.9	3.7	2.9	0.9	3.8	3.7	31.6
Communication	2.0	2.0	2.1	1.3	0.8	2.1	2.1	19.4
Finance, property and business services	16.9	15.4	16.0	7.9	7.6	15.5	15.2	109.5
Public administration and defence(a)(d)	34.4	36.0	35.4	20.2	15.3	35.5	36.1	342.2
Community services	36.3	36.9	38.3	14.7	23.6	38.2	38.2	261.6
Recreation, personal and other services(b)	11.3	11.2	11.3	5.1	6.5	11.6	11.3	53.9
Total all industries(c)(d)	135.3	134.4	135.7	69.4	66.7	136.2	135.3	994.5

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes Mining and employees of government agencies classified to Agriculture, forestry, fishing and hunting. (d) Includes Australian Electoral Commission temporary employees.

TABLE 23. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR — EMPLOYER UNIT SIZE(a)

	Less than 20 employees		20-99 employees		100 or more employees		Total	
	May 1993	June Quarter 1993	May 1993	June Quarter 1993	May 1993	June Quarter 1993	May 1993	June Quarter 1993
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
AUSTRALIA BY INDUSTRY								
Mining	7.2	56.6	6.5	84.9	51.7	736.2	65.4	877.7
Manufacturing	184.4	1,077.1	197.5	1,412.9	494.5	4,230.7	876.2	6,719.4
Electricity, gas and water	0.3	2.0	0.3	2.9	2.2	24.0	2.9	28.8
Construction	139.5	890.7	40.2	326.4	42.0	489.0	221.4	1,706.1
Wholesale trade	166.8	1,103.7	124.2	1,002.0	114.3	941.9	405.3	3,048.4
Retail trade	315.8	1,491.5	133.3	713.1	330.2	1,336.4	779.4	3,541.0
Transport and storage	62.0	367.3	49.0	384.7	33.9	319.7	144.9	1,071.7
Finance, property and business services	269.3	1,816.3	127.5	1,018.8	260.1	2,314.7	656.9	5,149.8
Community services	190.8	1,155.9	132.4	686.5	243.8	1,477.9	567.0	3,320.1
Recreation, personal and other services(b)	172.9	600.0	114.4	503.0	128.9	671.9	416.2	1,774.7
Total all industries(c)	1,509.4	8,564.3	925.4	6,136.2	1,702.1	12,546.4	4,136.8	27,246.7
STATES AND TERRITORIES								
New South Wales	522.1	3,084.9	285.8	2,056.0	611.5	4,769.8	1,419.5	9,910.7
Victoria	400.7	2,188.7	251.9	1,676.4	463.3	3,377.4	1,115.7	7,242.5
Queensland	254.6	1,455.5	153.6	946.0	253.6	1,806.3	661.9	4,207.8
South Australia	104.4	578.2	86.5	527.9	136.5	894.5	327.4	2,000.7
Western Australia	139.6	798.5	91.7	590.0	177.3	1,337.9	408.7	2,726.3
Tasmania	43.6	220.7	26.8	159.0	35.8	217.9	106.1	597.6
Northern Territory	15.2	90.0	12.2	73.8	9.0	55.0	36.4	218.8
Australian Capital Territory	27.3	146.7	16.8	107.1	16.8	88.7	61.0	342.4

(a) See Appendix 2 and paragraph 12 of Explanatory Notes. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to Communication.

EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaced the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

Scope of the survey

2. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

3. An indicator of the number of employed wage and salary earners out of scope to the year ended June 1993 is shown in the following table as:

• New South Wales	66,700
• Victoria	36,600
• Queensland	48,700
• South Australia	17,500
• Western Australia	22,900
• Tasmania	8,500
• Northern Territory	3,900
• Australian Capital Territory	8,200
• Australia	213,200

Estimates of the number of employees in private sector agriculture and private households were derived from the Labour Force Survey while data relating to the number of permanent defence force members are based upon information supplied to the ABS by the Department of Defence.

Statistical unit

4. The statistical unit for the survey comprises all activities of an employer in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the business in the State. In a small number of cases where an employer had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger employers which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting

their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation.

Survey methodology and design

5. This survey is conducted by mail each quarter from a sample of approximately 10,000 employer units. However, since the December quarter 1991 survey, data for a number of Commonwealth Government and ACT Government departments have been collected electronically.

6. Information on monthly number of employees and quarterly earnings is collected each quarter. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

7. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector and level of government. An equal probability sample is selected from each stratum.

8. From June quarter 1993, the size of the private sector sample has been reduced to approximately 7,500 employer units. The size of the public sector sample remains unchanged at 2,500 employer units. As a result, the SEE survey sample has been redesigned, in line with user requirements, to substantially maintain the reliability of estimates at broad industry level.

Classification by industry

9. This publication presents statistics classified by industry. Each statistical unit is classified to an industry which reflects the predominant activity of the business in the State. In a small number of cases where a business has a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis.

10. The 1983 edition of the *Australian Standard Industrial Classification* Volume 1 (1201.0) and Volume 2 (1202.0) (ASIC) has been used to classify the statistical units in the survey. Statistics in this publication are presented at ASIC division level only. However, industry data is available at a finer industry level on request.

Standard Institutional Sector Classification of Australia (SISCA)

11. SISCA is a system for classifying institutional units by broad economic functions and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate the public sector into public business enterprises (trading and financial) and general government

enterprises. Certain public sector data have been classified by SISCA and are presented in Tables 8, 9 and 10.

Employer unit size classification

12. Data presented in Table 23 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

Reliability of estimates

13. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 1 - Technical Note.

Interpretation of estimates of movements

14. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

15. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

Trend Estimates

16. The ABS considers that trend estimates provide a more reliable guide to the underlying direction of the data, and are more suitable than either the seasonally adjusted or original data for most business decisions and policy advice.

17. The trend estimates in this publication, obtained by dampening out the irregular component from the seasonally adjusted series, are calculated using a centred 23-term Henderson moving average of the seasonally adjusted series. Estimates for the three most recent quarters cannot be calculated using this centred average method; instead an asymmetric average is used. This can lead to revisions in the trend estimates for the last three quarters when data become available for later quarters. Revisions of trend estimates will also occur with revisions to the original data and re-estimation of seasonal adjustment factors.

18. If a series is highly volatile then the trend estimates will be subject to greater revision for the latest few

quarters as data become available. However, it is important to note that this does not make the trend series inferior to the seasonally adjusted or original series. In such cases the effect of the irregular component on overall movements will remain in the seasonally adjusted and the original estimates but not in the trend series.

19. For information about ABS procedures for deriving trend estimates and analysis of advantages of using them over alternative techniques for monitoring trends, refer to the three ABS Information Papers:

- *A Guide to Interpreting Time Series - Monitoring 'Trends': an Overview* (1348.0);
- *A Guide to Smoothing Series - Estimates of 'Trend'* (1316.0); and
- *Time Series Decomposition - An Overview* (1317.0).

Two feature articles which have appeared in the ABS monthly publication *Australian Economic Indicators* may also be of interest:

- *Picking Turning Points in the Economy* (April 1991); and
- *Smarter Data Use* (March 1992).

Seasonal Adjustment

20. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. This means that quarter-to-quarter movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

21. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors are reviewed annually to take account of each additional year's original data. The most recent review took place in the March quarter 1993.

22. Details about the method of seasonal adjustment of these series are available on request.

Comparability of results with the Labour Force Survey

23. The ABS publishes a number of series of employment estimates.

24. The monthly Labour Force Survey (LFS) collects data by interview from a sample of about 29,000 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the Labour Force Survey. The estimates are published in *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia* (6203.0).

25. There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in an *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0). The two series should be seen as complementary and movements in them have generally been broadly consistent. In recent time periods the two surveys have shown some divergence in the estimates produced.

26. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the LFS. It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

27. Separate estimates of full-time and part-time employees are included in Table 11. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 26, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the

number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

28. The ABS considers that the Labour Force series provides the better indicator of overall employment movements at the Australian and State level. The aggregate employment estimates in the quarterly National Accounts are based on that source.

Comparability of results with the Average Weekly Earnings survey

29. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

Changes to the survey design with this issue

30. For this issue (June 1993) the sample size for the private sector was reduced from 11,000 to approximately 7,500 employer units. The public sector remains unchanged at 2,500 employer units. The primary reason for this reduction in sample size is to reduce the level of reporting burden on survey respondents while continuing to meet user requirements.

31. The survey redesign, in line with user requirements, will substantially maintain the current reliability of the estimates at the broad industry level.

32. The result of this change is that the publication shows industry statistics at the ASIC Division level only. However, more detailed industry statistics will continue to be available on request to the level of industry detail previously published.

33. Inquiries about the availability of more detailed industry statistics should be made to the contact officer whose name appears in the Inquiries box at this front of the publication.

Related publications

34. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0) — issued monthly

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0) — issued 11 July 1985

Average Weekly Earnings, Australia (Preliminary) (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

Labour Statistics, Australia (6101.0) — issued annually

A Guide to Labour Statistics (6102.0) — issued 10 February 1986

Small Business in Australia 1993 (1321.0) — issued November 1993

Labour Force Projections, Australia, 1992-2005 (6260.0) — issued 11 November 1991.

35. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia*

(1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

36. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the contact officer whose name appears in the Inquiries box at the front of this publication.

Symbols and other usages

- nil or rounded to zero
- r revised
- * subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 1 - Technical Note

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

APPENDIX 1 - TECHNICAL NOTE

Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown and relate to March 1992 - March 1993 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,800,000 with a standard error of 34,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,766,000 to 5,834,000 and about nineteen chances in twenty that it would be in the range 5,732,000 to 5,868,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

10. The survey redesign, in line with user requirements, will substantially maintain the current reliability of the estimates at the broad industry level.

11. The survey redesign, in line with user requirements, will substantially maintain the current reliability of the estimates at the broad industry level.

12. The result of this change is that the publication shows industry estimates at the ASNC Division level only. However, more detailed industry statistics will continue to be available on request at the level of industry detail previously published.

13. Inquiries about the availability of more detailed industry statistics should be made in the contact officer whose name appears in the Inquiries box at the front of the publication.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PRIVATE SECTOR :
STANDARD ERRORS, JUNE 1993, PERSONS
(^{'000})

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Mining	0.9	0.6	1.4	0.2	1.4	0.1	0.5	—	2.3
Manufacturing	11.6	11.9	7.1	5.2	4.1	2.0	0.2	0.3	19.4
Construction	6.5	7.7	5.2	1.5	7.5	0.7	1.9	0.9	13.9
Wholesale trade	17.4	7.1	6.9	4.0	5.9	1.2	0.3	0.4	21.3
Retail trade	14.1	10.5	10.9	4.7	5.5	3.7	0.7	1.5	22.3
Transport and storage	6.0	6.4	4.8	5.8	1.7	0.6	0.2	0.2	11.7
Finance, property and business services	11.2	9.5	8.2	5.9	5.5	1.0	1.6	1.7	18.8
Community services	10.3	13.8	9.5	5.4	11.8	2.5	0.7	1.5	23.7
Recreation, personal and other services(a)	7.7	10.5	8.5	4.2	6.8	1.2	0.7	0.8	17.5
Total all industries	31.7	28.2	22.3	13.5	18.9	5.3	2.8	3.0	53.7
QUARTERLY MOVEMENT									
Mining	1.4	0.6	3.1	0.4	1.6	0.9	0.3	—	4.0
Manufacturing	12.1	12.0	7.8	5.5	4.5	2.3	—	0.1	20.0
Construction	8.9	7.3	4.5	1.7	8.4	0.8	0.3	0.6	15.0
Wholesale trade	13.7	6.7	6.6	3.5	5.1	1.1	0.2	0.2	17.8
Retail trade	14.7	11.2	11.3	5.1	5.8	3.8	0.3	0.6	23.3
Transport and storage	6.6	5.7	4.5	5.9	1.9	0.6	—	0.1	11.6
Finance, property and business services	13.0	10.0	8.3	7.0	5.6	1.4	0.5	1.4	20.6
Community services	11.5	14.5	10.6	6.3	12.9	2.5	0.1	0.4	25.9
Recreation, personal and other services(a)	8.3	11.1	9.0	4.6	6.9	1.4	0.3	0.4	18.5
Total all industries	32.4	28.8	23.3	14.7	20.1	5.7	0.7	1.8	55.5
ANNUAL MOVEMENT(b)									
Mining	0.9	0.9	2.1	0.2	1.3	0.1	0.4	—	2.8
Manufacturing	6.4	9.1	4.2	2.3	3.5	0.6	0.2	0.6	12.6
Construction	5.1	7.5	4.1	1.3	4.8	0.6	2.1	1.2	11.4
Wholesale and Retail trade	16.2	10.6	8.9	6.3	4.0	2.1	1.1	1.7	23.0
Transport and storage	5.0	4.8	2.1	4.7	2.4	0.3	1.4	0.3	9.1
Finance, property and business services	12.3	6.5	6.5	3.2	5.8	0.8	2.2	1.2	16.9
Community services	7.3	10.5	7.1	4.5	3.4	1.0	1.5	1.0	15.9
Recreation, personal and other services(a)	12.0	6.8	5.5	3.2	3.8	0.9	1.1	1.6	15.8
Total all industries	26.5	21.8	15.9	10.5	10.9	2.8	4.0	3.1	41.2

(a) Excludes private households employing staff. (b) See paragraph 5 in Appendix 1.

Employment is defined as persons employed in the private sector, excluding those employed in the public sector, and those employed in the non-profit sector. The private sector includes all businesses, whether they are owned by individuals or by companies, and whether they are incorporated or unincorporated. The public sector includes all government departments, agencies, and authorities, whether they are owned by the Commonwealth, a State, or a Territory. The non-profit sector includes all organisations, whether they are owned by individuals or by companies, and whether they are incorporated or unincorporated, which are not for profit and do not have a profit-making objective. The private sector is further divided into manufacturing, construction, retail trade, wholesale trade, transport and storage, finance, property and business services, community services, and recreation, personal and other services. The public sector is further divided into general government, health, education, and other services. The non-profit sector is further divided into non-profit organisations, voluntary organisations, and other non-profit organisations. The private sector is further divided into manufacturing, construction, retail trade, wholesale trade, transport and storage, finance, property and business services, community services, and recreation, personal and other services. The public sector is further divided into general government, health, education, and other services. The non-profit sector is further divided into non-profit organisations, voluntary organisations, and other non-profit organisations.

Industry. Industry is classified according to the Australian Standard Industrial Classification (ASIC) 1987 Edition (1201.0).

Institutional sector. Institutional sector is classified according to the Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition (1218.0).

Local government employees. Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

State government employees. Persons employed by all State government departments and authorities created by or operating as State institutions, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory also have been classified as 'State' government. Employees of State governments employed overseas are included in the estimates of the State in which they are based.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PUBLIC SECTOR :
STANDARD ERRORS, JUNE 1993, PERSONS
(’000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	1.1	1.2	—	—	—	—	—	—	1.6
Electricity, gas and water	0.1	0.2	0.2	—	—	0.2	—	—	0.3
Construction	—	0.9	—	—	—	—	—	—	0.9
Wholesale trade	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—
Transport and storage	0.3	0.9	—	—	—	—	—	—	1.0
Communication	0.1	—	—	—	—	—	—	—	0.1
Finance, property and business services	1.0	0.5	0.1	0.1	—	—	—	—	1.2
Public administration and defence(a)	1.8	2.1	0.9	0.9	0.6	0.3	—	—	3.1
Community services	2.1	1.5	0.6	0.6	0.8	—	—	—	2.9
Recreation, personal and other services	1.5	0.2	—	0.2	—	—	—	—	1.5
Total all industries	1.6	2.4	1.0	0.9	0.4	0.4	—	—	3.2
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	0.1	—	—	—	—	—	—	—	0.1
Electricity, gas and water	—	0.1	—	—	—	0.1	—	—	0.1
Construction	—	0.2	—	—	—	—	—	—	0.2
Wholesale trade	—	—	—	—	—	—	—	—	—
Retail trade	—	—	—	—	—	—	—	—	—
Transport and storage	0.2	0.2	—	—	0.1	—	—	—	0.2
Communication	0.1	—	—	—	—	—	—	—	0.1
Finance, property and business services	0.1	0.1	—	—	—	—	—	—	0.2
Public administration and defence(a)	0.3	2.0	1.7	1.5	0.2	0.3	—	—	3.0
Community services	0.3	1.2	0.2	0.9	0.2	—	—	—	1.6
Recreation, personal and other services	0.2	0.1	—	0.1	—	—	—	—	0.3
Total all industries	0.3	2.3	1.7	1.8	0.3	0.3	—	—	3.4
ANNUAL MOVEMENT(b)									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	0.5	0.8	—	—	—	—	—	—	1.0
Electricity, gas and water	0.1	0.1	0.1	—	—	—	—	—	0.2
Construction	—	0.6	—	—	—	—	—	—	0.6
Wholesale and Retail trade	—	—	—	0.2	—	—	—	—	0.2
Transport and storage	0.1	0.6	0.1	—	—	—	—	—	0.7
Communication	—	—	—	5.5	0.1	—	—	—	5.5
Finance, property and business services	0.6	0.3	—	—	—	0.1	—	—	0.6
Public administration and defence(a)	0.5	1.1	2.1	0.7	0.2	0.2	—	—	2.5
Community services	2.4	0.9	0.9	0.7	0.3	—	0.2	—	2.9
Recreation, personal and other services	0.5	—	—	0.2	—	—	—	—	0.6
Total all industries	2.8	1.9	2.3	5.5	0.3	0.2	0.2	0.1	6.9

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) See paragraph 5 in Appendix 1.

APPENDIX 2 - GLOSSARY

Commonwealth government employees. Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

Employer units are the statistical units which make up the population from which the sample was drawn (see paragraph 4 of the Explanatory Notes).

Employer unit size. To derive estimates of employer unit size, each of the approximately 7,500 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

Full-time employees. Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

General government enterprises. Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues. e.g. Government Departments.

Gross earnings. Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation who continue to be paid through the payroll; and severance, termination and redundancy payments.

Industry. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

Institutional sector. Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

Local government employees. Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Number of employees. All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

Part-time employees. Permanent, temporary and casual employees who are not classified as full-time employees as defined.

Public employees. Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

Public financial enterprises. Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

Public trading enterprises. Public sector enterprises predominantly engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

Reference period for the number of employees. The last pay period ending on or before the third Friday in each month.

Reference period for earnings. All pay periods for which the end of the pay period falls within the quarter.

Sector. Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

State government employees. Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments. Employees of State governments employed interstate are included in the estimates of the State in which they are based.

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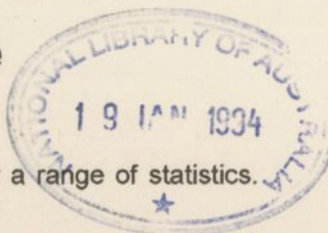
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